

MLTI Mavericks Recovery Update

Updated Friday, January 17, 2014

Requirements:

MLTI IV MacBook Air

MLTI Field Recovery Disk (FReD) USB Flash Drive

This document describes the process to update Recovery on MLTI IV MacBook Air for use with the MLTI 2014 Mavericks custom image.

MLTI IV MacBook Air units fall into three categories:

1. Devices that have not yet upgraded to OS X Mavericks.
2. Devices that have upgraded and see two 'Recovery' options at boot.
3. Devices that have upgraded and see only one 'Recovery' option at boot.

If you are not sure in which category your devices belong, or require additional assistance, please contact the MLTI AppleCare Help Desk at (800) 919-2775 pin 4MLTI, or <http://www.info.apple.com/mlti/>

Section 1: Devices that have not yet updated to OS X Mavericks

Mavericks has great features for schools, like iBooks, iWork collaboration, and improved battery performance. Upgrading to Mavericks requires an Apple ID. MLTI users under the age of 13 will be able to upgrade as soon as the simplified Apple ID process is available. MLTI users 13 years of age or older are encouraged to upgrade at any time via the App Store.

The Apple Project Team has developed a process to preserve the existing custom MLTI recovery partition for devices that upgrade to OS X Mavericks after November 13, 2013. This process includes a small configuration change pushed out to your devices via Casper. Since the upgrade to Mavericks requires an Apple ID, schools with students under the age of thirteen should delay upgrading until their entire population has the ability to create an Apple ID. For schools that deployed the Primary Solution (i.e. MacBook Air & iPad), your teachers and staff already have Apple IDs and should upgrade now.

After upgrading to OS X Mavericks, proceed to Section 2.

If you wish to re-image rather than upgrade to Mavericks, proceed to Section 4.

Section 2: Devices that have upgraded and see two ‘Recovery’ options at boot.

After upgrading to OS X Mavericks MLTI users will have an improved recovery process. This new recovery process allows for both the re-install of OS X or the re-image of the MLTI Custom image. To access either hold the “option” key at boot.

‘Recovery-10.9’ (or ‘Recovery-10.9.1’ etc.) - Re-install of OS X Mavericks

This is the standard OS X Mavericks recovery partition. This is the partition can be used to re-install OS X Mavericks without re-imaging the device. This 600MB partition facilitates a download of the latest version of OS X Mavericks over the Internet.

‘Recovery HD’ - Re-image (erase and install) of OS X Mountain Lion*

This partition will completely re-image an MLTI MacBook Air with the default MLTI Mountain Lion image that was provided when the MacBook Air was initially delivered. Until such time as the new USB flash drives noted below are delivered, this partition should be used to erase and install a clean image when the device is handed to a new student or teacher.

* If this option is selected, please consider updating Recovery using FReD (Section 4)

Section 3: Devices that updated to OS X Mavericks prior to Nov 13th, 2013

MLTI MacBook Air units that upgrade to OS X Mavericks and have ONLY the default Recovery options (see below) can now restore the MLTI Custom Recovery using the supplied package installer.

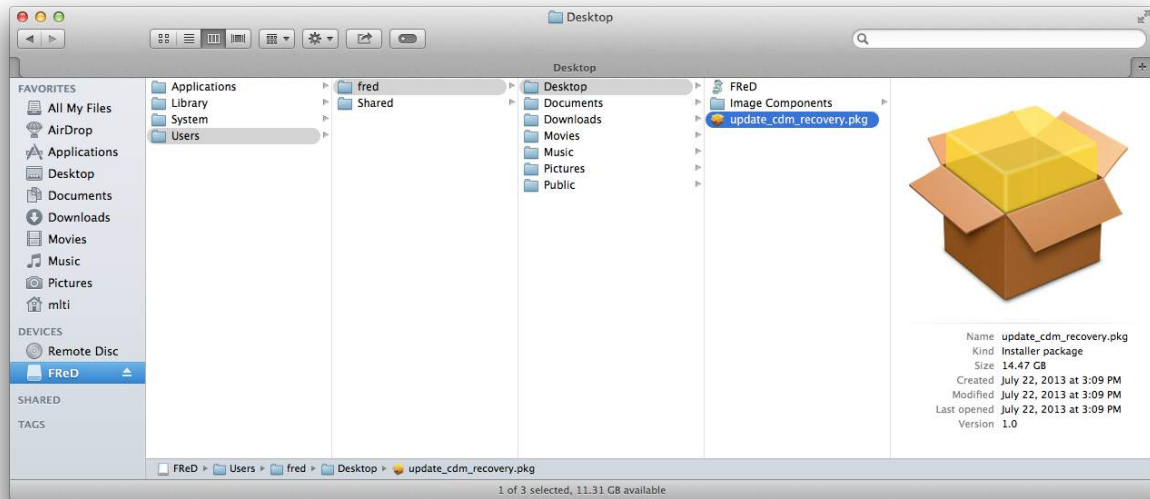


To restore and update MLTI Custom Recovery install the *update_cdm_recovery.pkg* while booted to OS X on the device to be updated.

While this package is non-destructive and should not affect the 'Macintosh HD' volume, it is important to verify a recent CrashPlan backup prior to installing this package. When complete, re-imaging using Recovery on this device will install the MLTI 2014 OS X Mavericks custom image.

The package is self-contained and can be copied to other media and/or network shared volumes for your convenience.

This package can be found on the MLTI Mavericks Recovery Update USB Flash Drive (FReD). The package is located in *Users -> fred -> Desktop* on the USB Flash Drive:



Section 4: MLTI Field Recovery Disk (FReD)

For MLTI MacBook Air units that are to be re-imaged, you now have the option of updating the MLTI Custom Recovery to the new 2014 MLTI OS X Mavericks Custom Image. This is a destructive process that erases all data on the internal storage.

Procedure:

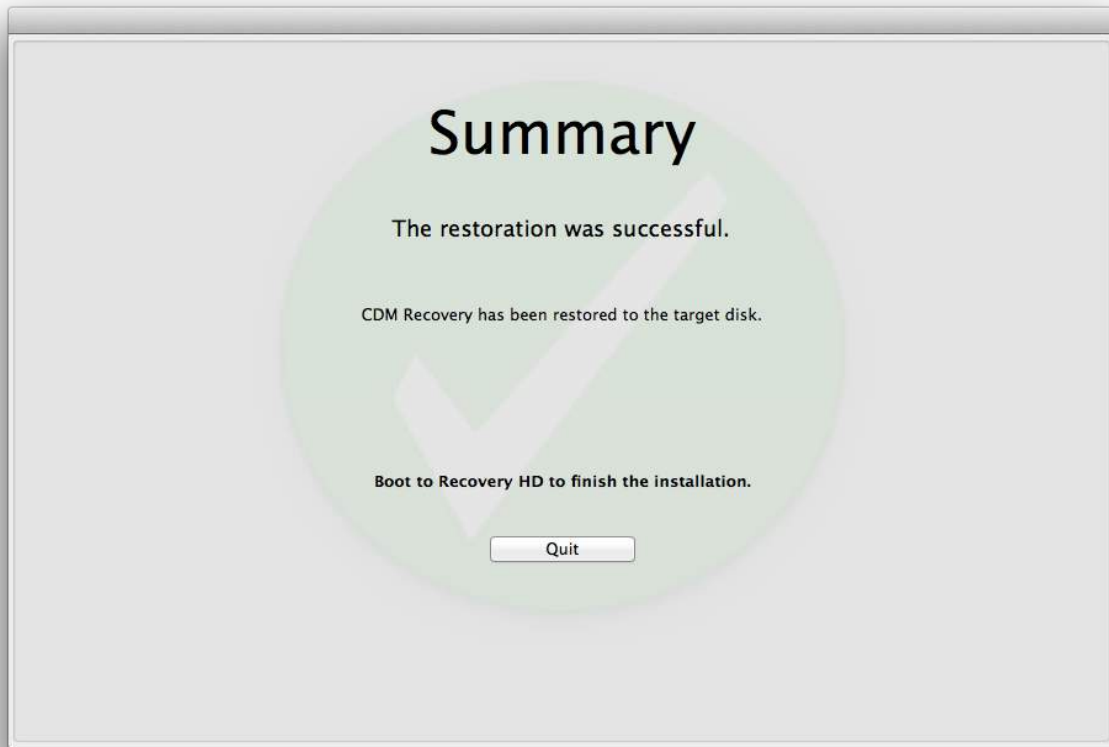
1. Insert the MLTI Field Recovery Disk (FReD) USB Flash Drive.
2. Reboot MacBook Air holding the 'option' key until boot picker appears.
3. Select 'FReD' using the left/right arrow keys and press return
4. After the boot process completes, FReD will launch.



5. Click 'Continue,' agree to the terms, and follow the on screen prompts.

Note: This process will erase all data on the MacBook Air internal storage.

6. When the Recovery Update is complete, click 'Quit' and restart MacBook Air.



7. MacBook Air will boot to the updated Recovery volume.
8. Complete the recovery process to install the OS X Mavericks custom image.